CLAIMS

1. An elastomeric blend useful for the preparation of electric cables comprising one or more polymers selected from:

(i) a polymer (Base 1) obtained through shear treatment, in the presence of hydroperoxides, of a polymeric base essentially consisting of elastomeric copolymers of ethylene with propylene (EP) or EPDM terpolymers;

(ii) a copolymer of ethylene with alpha olefins, vinyl acetate or a derivative of acrylic acid (Base 2); said copolymer (ii) having a melting point lower than 115°C.

2. The elastomeric blend according to claim 1, wherein the copolymer (ii) is a copolymer of ethylene with alpha olefins.

3. The blend according to claim 2, wherein the alpha olefin is selected from 1-octene, 1-hexene, 1-butene, propylene.

4. The blend according to claim 3, wherein the alpha olefin is propylene.

5. The blend according to claim 1, wherein the copolymer (ii) has a melting point lower than 100°C.

6. The blend according to claim 1, wherein the polymer (i) is selected from EPDM terpolymers.

7. The blend according to claim 1, wherein the polymer (i) is obtained by treating an EP(D)M polymer with at least

one hydroperoxide at a temperature ranging from 100°C to 250°C.

8. The blend according to claim 7, wherein the polymer (i) is obtained by treating an EP(D)M polymer with at least one hydroperoxide at a temperature ranging from 160°C to 200°C.

9. The blend according to claim 1, wherein the polymer (i) has the following properties:

** Weight average molecular weight (Mw) from 70,000 to 280,000;

** Polydispersity expressed as Mw/Mn lower than 5;

** Ratio between the Melt Index fluidity at 21.6 kg and the Melt Index fluidity at 2.16 kg, both at a temperature of 230°C, ranging from 35 to 110.

10. The blend according to claim 9, wherein the polymer (i) has the following properties:

** Weight average molecular weight (Mw) from 90,000 to 160,000;

** Polydispersity expressed as Mw/Mn lower than 3.4;

** Ratio between the Melt Index fluidity at 21.6 kg and the Melt Index fluidity at 2.16 kg, both at a temperature of 230°C, ranging from 45 to 90.